

Title (en)

GLOSS RETENTIVE FLUOROCOPOLYMERS FOR COATING APPLICATIONS

Title (de)

GLANZBESTÄNDIGE FLUORCOPOLYMERE FÜR BESCHICHTUNGSANWENDUNGEN

Title (fr)

FLUOROCOPOLYMÈRES DE RÉTENTION DE BRILLANT POUR APPLICATIONS DE REVÊTEMENT

Publication

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Application

EP 20202780 A 20161118

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- US 201615353678 A 20161116
- EP 16867225 A 20161118
- US 2016062780 W 20161118

Abstract (en)

Disclosed are protective coating compositions having enhanced gloss retention properties formed by steps comprising: (i) providing one or more fluorocopolymers by copolymerization of (1) one or more hydrofluoroolefin monomer(s) selected from the group consisting of hydrofluoroethylenes, hydrofluoropropenes, hydrofluorobutenes, hydrofluoropentenes and combinations of these, (2) one or more vinyl ester monomer(s), and (3) one or more vinyl ether monomer(s), wherein at least a portion of said vinyl ether monomer is a hydroxyl group-containing vinyl ether monomer, wherein the copolymer preferably has a number average molecular weight of greater than about 10,000; (ii) providing a VOC containing carrier for said one or more fluorocopolymers; and (iii) providing a stabilizing agent comprising: a) a radical scavenger and b) an absorber of UV light; and (iv) combining said one or more fluorocopolymers with said carrier and said stabilizing agent to produce a polymeric coating composition.

IPC 8 full level

C08K 5/3435 (2006.01); **C09D 5/32** (2006.01); **C09D 127/20** (2006.01); **C09D 133/06** (2006.01)

CPC (source: CN EP KR US)

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Citation (applicant)

SKOOG: "D.A. Principles of Instrumental Analysis", 2006, THOMPSON BROOKS/COLE

Citation (search report)

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